



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
P.O. Box 1529
Nokomis, FL 34274

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series SGD-70 "OXXO" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. 4345, titled "Aluminum Sliding Glass Door, Impact", sheets 1 through 6 of 6, prepared by manufacturer, dated 3/15/99 with revision on 5/30/03, signed and sealed by Robert Clark, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 02-0701.04 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**



NOA No 03-0512.02
Expiration Date: November 09, 2005
Approval Date: October 30, 2003
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **4345**, titled "Aluminum Sliding Glass Door, Impact", sheets 1 through 6 of 6, prepared by manufacturer, dated 3/15/99 with revision on 5/30/03, signed and sealed by Robert Clark, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL -03038** dated 5/18/03.

Submitted under NOA# 00-0628.11

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Small Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL -2369 (99071)** dated November 02, 1999, signed and sealed by Aldo P. Gonzales, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 5/7/03, prepared, signed and sealed by Robert Clark, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" dated 2/15/01, expiring on 12/11/05.

E. QUALITY ASSURANCE

1. Miami-Dade County Building Code Compliance Office.



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-0512.02
Expiration Date: November 09, 2005
Approval Date: October 30, 2003

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

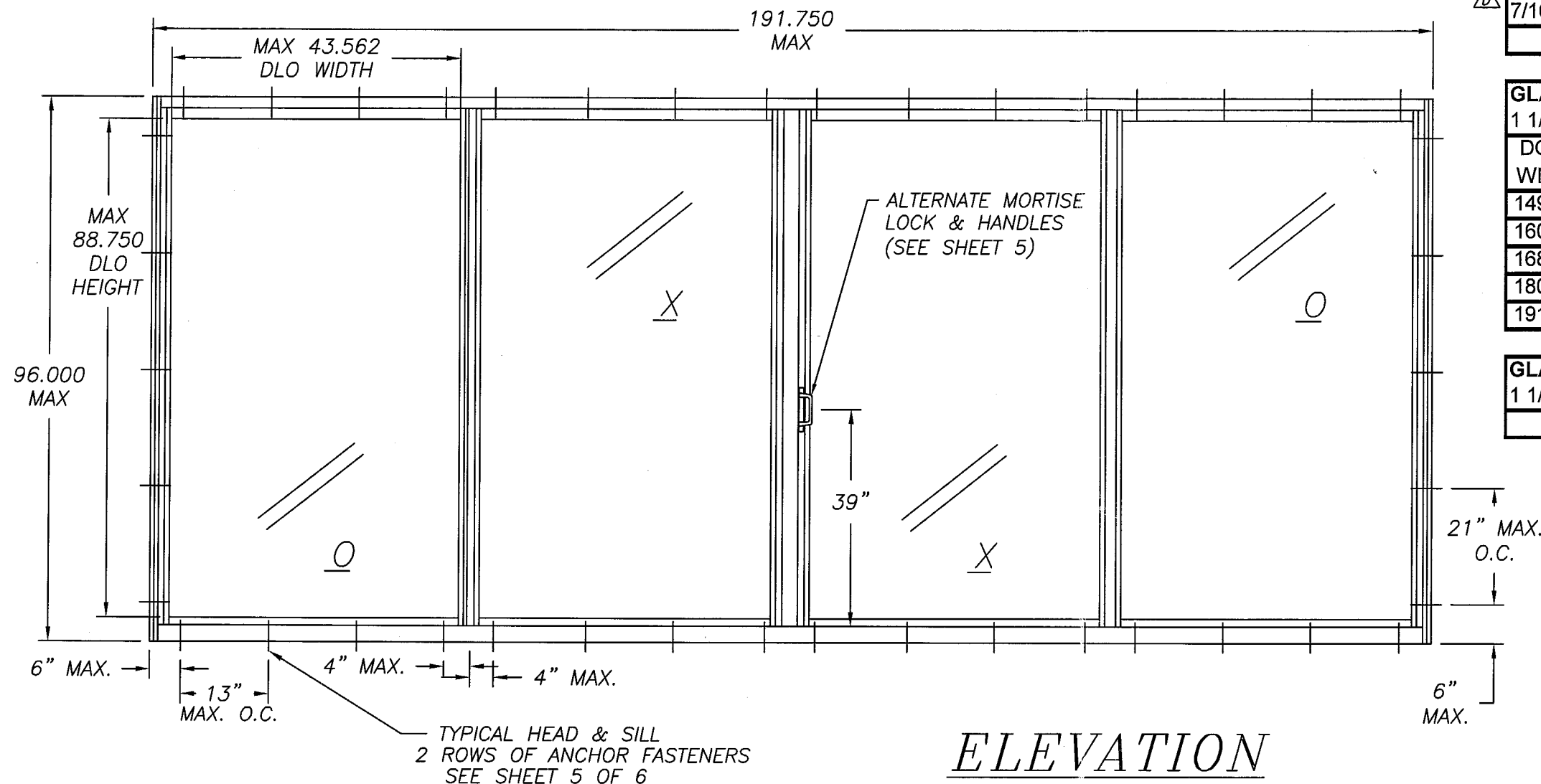
1. None

G. OTHER

1. Notice of Acceptance No. **02-0701.04**, issued to PGT Industries, Series SGD-70 Aluminum Sliding Glass Door, approved on 7/9/02 and expiring on 11/9/05.



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-0512.02
Expiration Date: November 09, 2005
Approval Date: October 30, 2003



GLASS TYPE A.	FTL-2369
7/16" LAMINATED (3/16"HS,.088,3/16"HS)	
ALL SIZES UP TO 191 3/4" WIDE x 96" HIGH	60.0 -60.0

GLASS TYPE B. COMPARATIVE ANALYSIS	FTL-3741
1 1/16" I.G.- 3/16"T,1/2"SPACE, 7/16" LAMI (3/16"A,.090,3/16"HS)	
DOOR	DOOR HEIGHT
WIDTH	71.000 72.000 80.000 84.000 96.000
149.500	60.0 -60.0 60.0 -60.0 60.0 -60.0 60.0 -60.0 60.0 -60.0
160.000	60.0 -60.0 60.0 -60.0 60.0 -60.0 58.4 -58.4 52.4 -52.4
168.000	60.0 -60.0 60.0 -60.0 56.7 -56.7 53.9 -53.9 48.2 -48.2
180.000	60.0 -60.0 60.0 -60.0 53.3 -53.3 49.8 -49.8 43.7 -43.7
191.750	60.0 -60.0 59.2 -59.2 52.1 -52.1 49.1 -49.1 40.7 -40.7

GLASS TYPE C.	FTL-3741
1 1/16" I.G.- 3/16"T,1/2"SPACE, 7/16" LAMI (3/16"HS,.090,3/16"HS)	
ALL SIZES UP TO 191 3/4" WIDE x 96" HIGH	60.0 -60.0

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0512.02
Expiration Date 11/09/05
By: *Clement Berman*
Miami Dade Product Control
Division

LARGE MISSILE IMPACT DOORS

1.) GLAZING OPTIONS: (SEE TABLES FOR DESIGN PRESSURES)

- 7/16" LAMINATED CONSISTING OF AN .088 SAFLEX IIIIG PVB INNER LAYER BETWEEN (2) LITES OF 3/16" HEAT STRENGTHENED GLASS.
- 1 1/16" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS, A 1/2" AIR SPACE AND 7/16" LAMINATED GLASS.
7/16" LAMINATED GLASS CONSISTS OF AN .090 SAFLEX/KEEPSAFE OR DUPONT BUTACITE PVB INNER LAYER BETWEEN (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF HEAT STRENGTHENED GLASS.
- 1 1/16" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS, A 1/2" AIR SPACE AND 7/16" LAMINATED GLASS.
7/16" LAMINATED GLASS CONSISTS OF AN .090 SAFLEX/KEEPSAFE OR DUPONT BUTACITE PVB INNER LAYER BETWEEN (2) LITES OF 3/16" HEAT STRENGTHENED GLASS.

2.) CONFIGURATIONS: OXXO, OX, XO, XX

3.) SEALANT: FRAME CORNER, INSTALLATION SCREWS & PANEL CORNERS SEALED WITH SCHNEE/MOREHEAD #SM5504 SEAM SEALER

4.) ANCHORS:

- MAX. 6" FROM EACH CORNER (HEAD & SILL)
- MAX. 6" FROM EACH CORNER (JAMBS)
- MAX. 4" EACH SIDE OF MEETING RAIL CENTERLINE
- MAX. SPACING AT HEAD & SILL: 13.000
- MAX. SPACING AT JAMBS: 21.000

5.) SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED

6.) REFERENCE TEST REPORTS: FTL-2369 AND FTL-3741

ELEVATION

Revsd By: F.K.	Date: 10/20/03	Revisions: C-CORRECT TABLE SIZES
Revsd By: F.K.	Date: 5/30/03	Revisions: C-ADD GLASS TYPE & TABLE
Revsd By: F.K.	Date: 2/5/03	Revisions: B-ADD MORTISE & GLASS TYPE
Revsd By: F.K.	Date: 10/13/00	Revisions: REV. A
Drawn By: D.B.	Date: 3/15/99	

Description:
ELEVATION & NOTES

Title:
ALUMINUM SLIDING GLASS DOOR, IMPACT

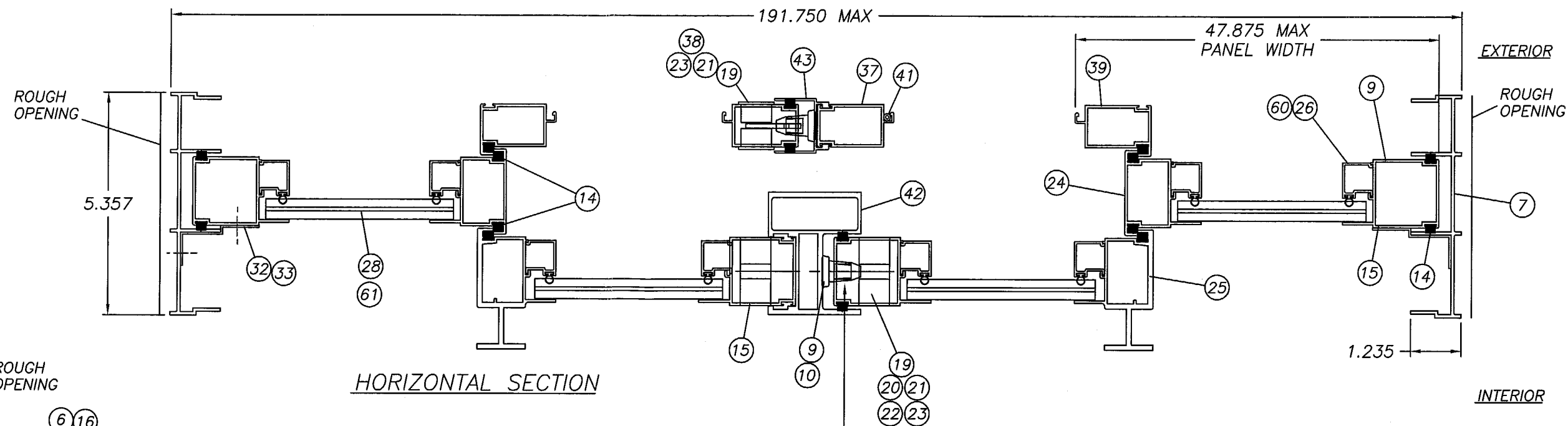
Series/Model: SGD-70	Scale: NTS	Sheet: 1 of 6	Drawing No. 4345	Rev: D
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Robert L. Clark, P.E.
PE #39712
Structural

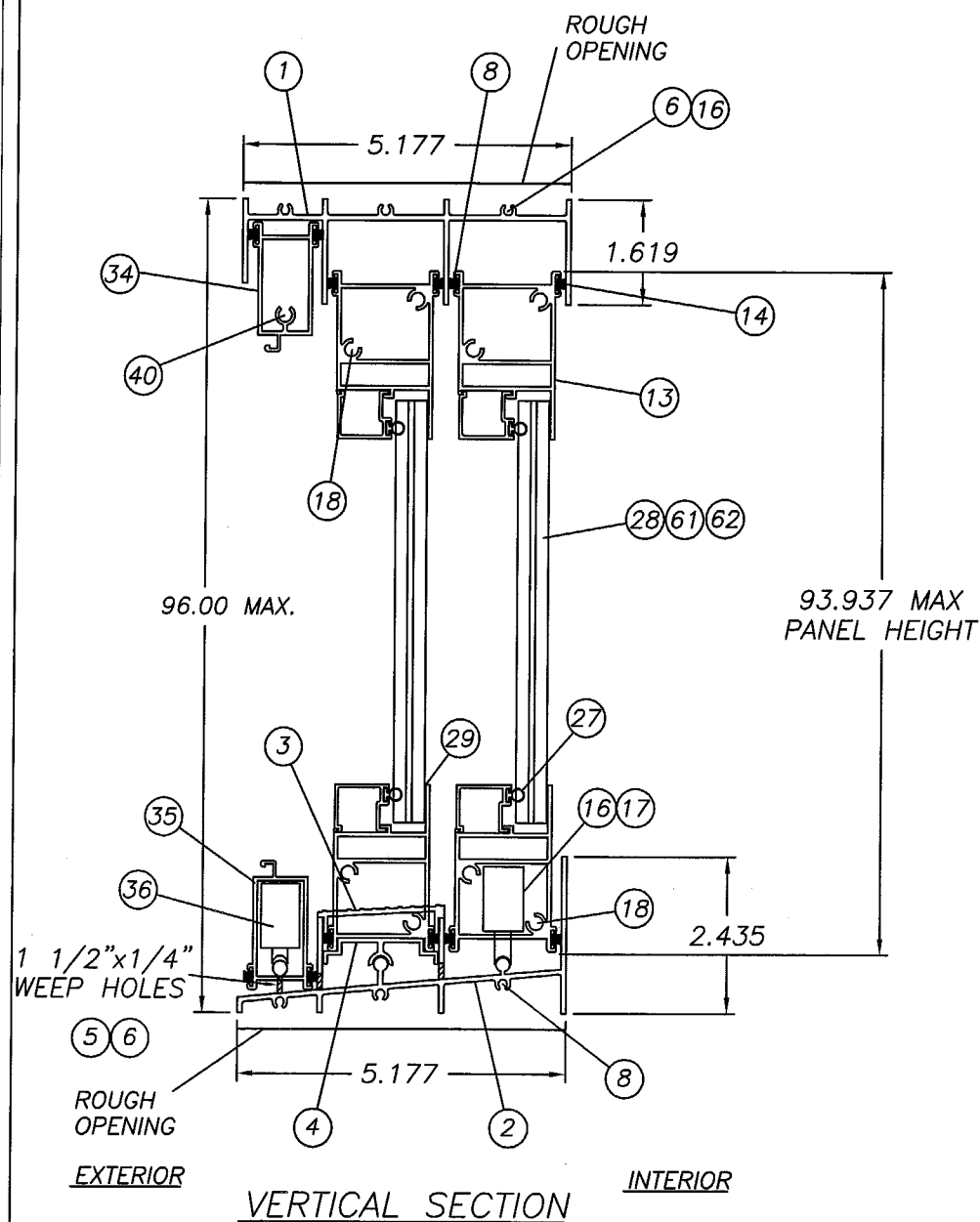
PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274



SEE SHEET 5 FOR
ALTERNATE MORTISE
LOCK & HANDLES



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0512.02
Expiration Date 11/09/05
By *Glenn Herman*
Miami Dade Product Control
Division

Revsd By: F.K.	Date: 10/20/03	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 5/30/03	Revisions: C-ADD GLASS TYPE ITEM 62
Revsd By: F.K.	Date: 2/5/03	Revisions: B-MOVE GLAZING DET. SHT 3
Revsd By: F.K.	Date: 10/13/00	Revisions: REV. A
Drawn By: D.B.	Date: 3/15/99	

Description:

SECTIONS

Title:

ALUMINUM SLIDING GLASS DOOR, IMPACT

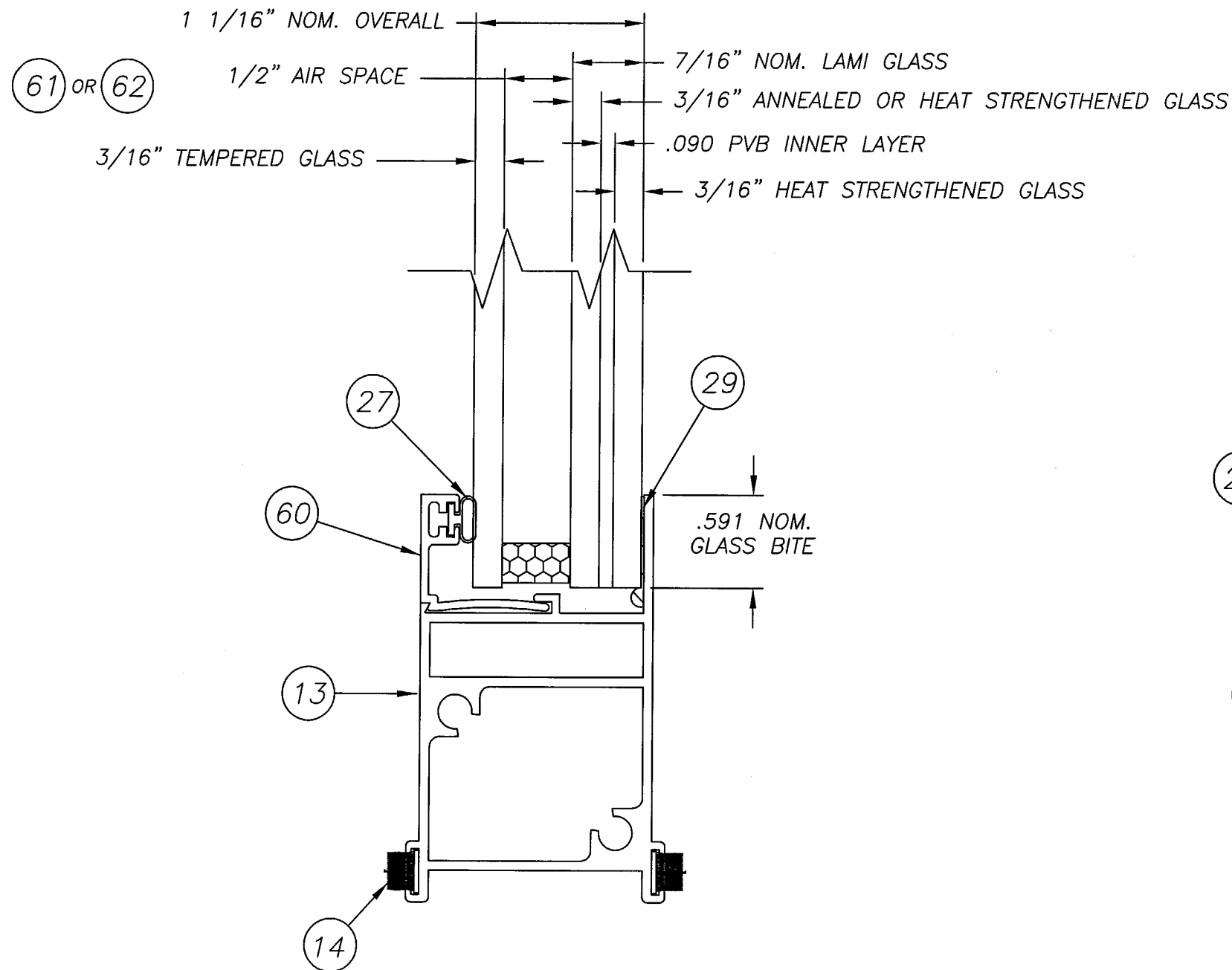
Series/Model: SGD-70	Scale: NTS	Sheet: 3 of 6	Drawing No. 4345	Rev: D
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Robert L. Clark, P.E.
PE #39712
Structural

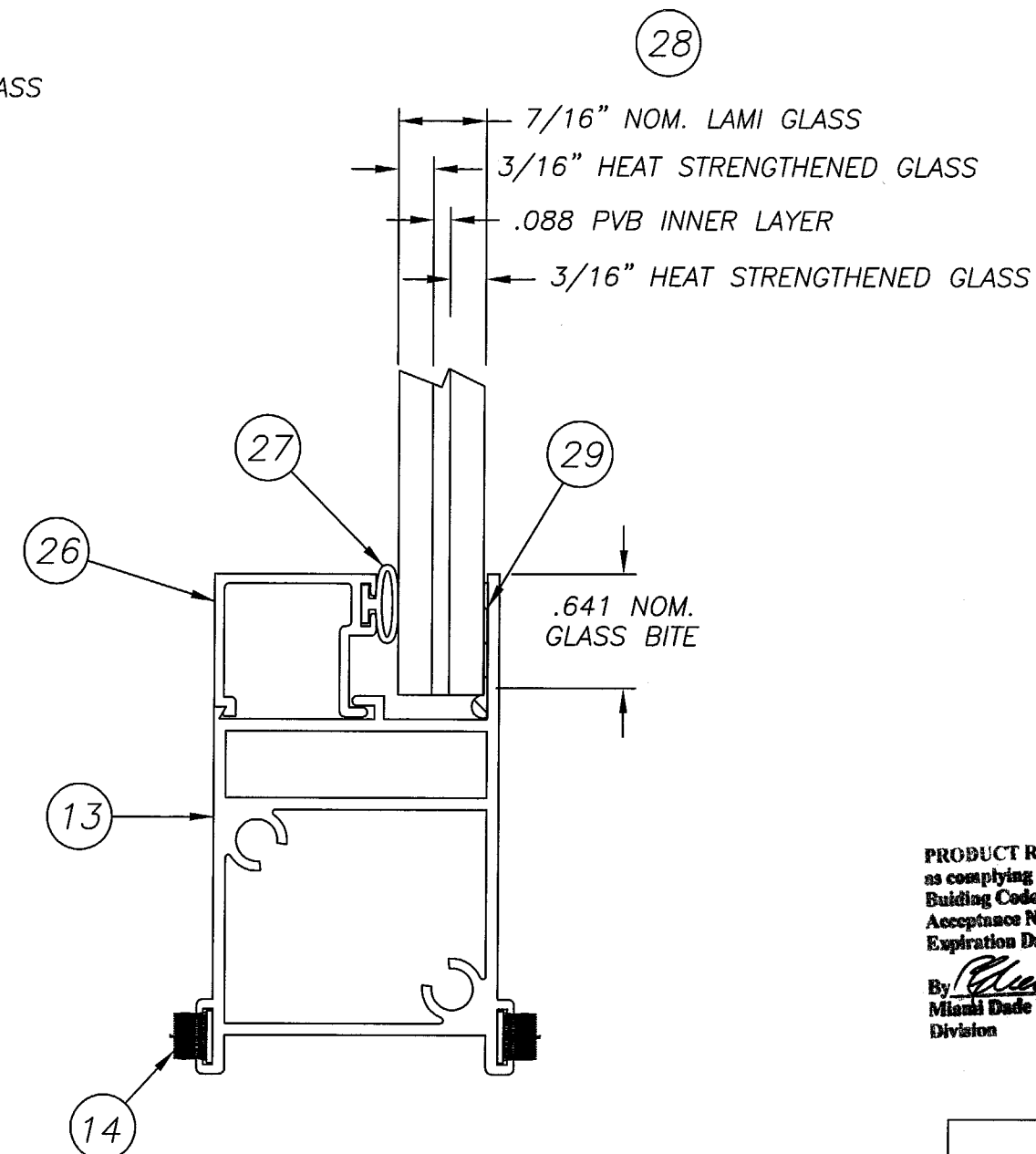
PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274



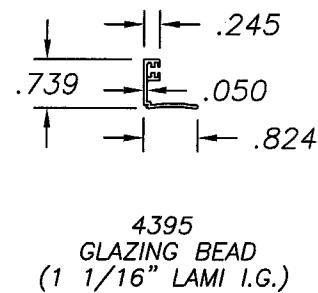
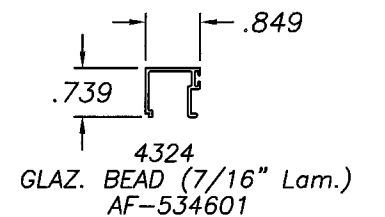
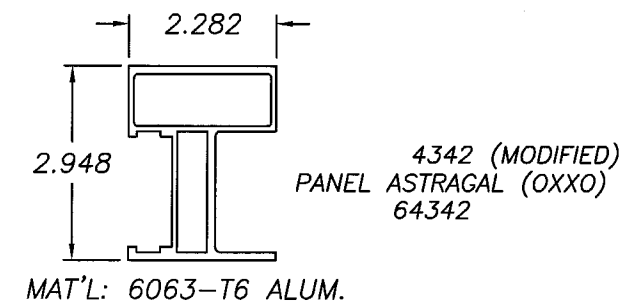
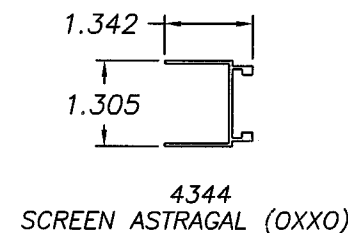
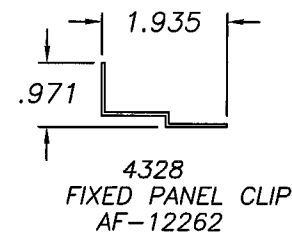
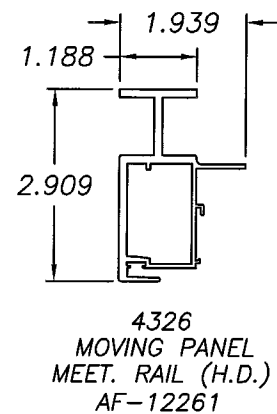
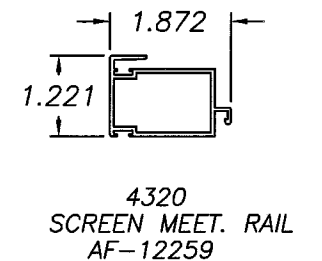
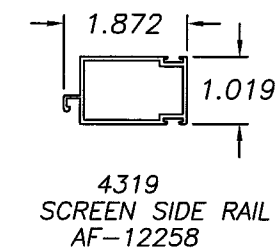
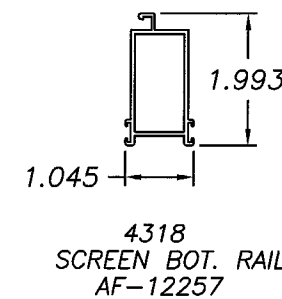
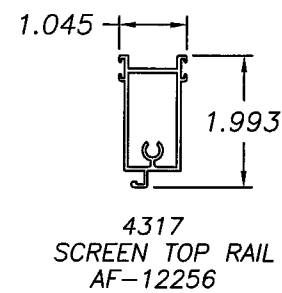
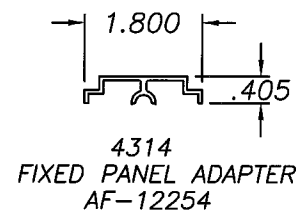
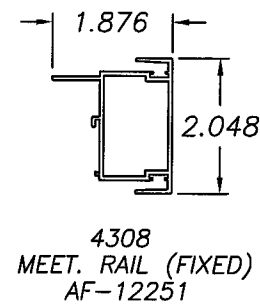
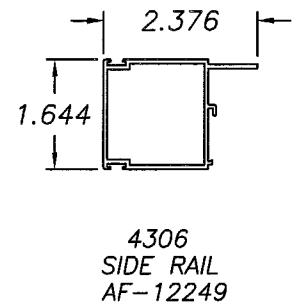
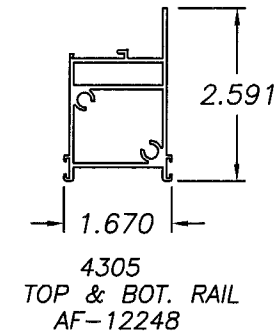
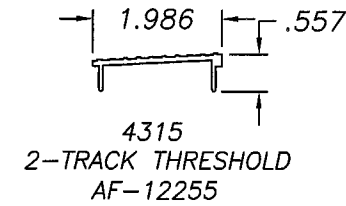
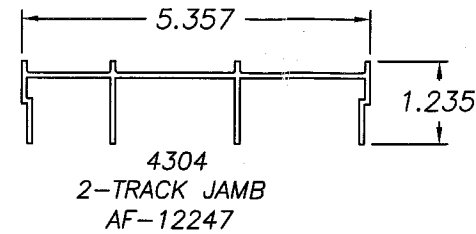
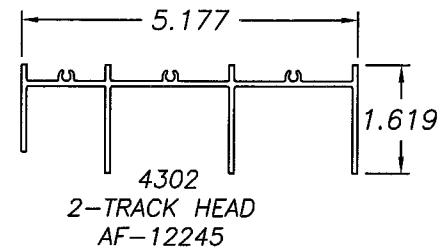
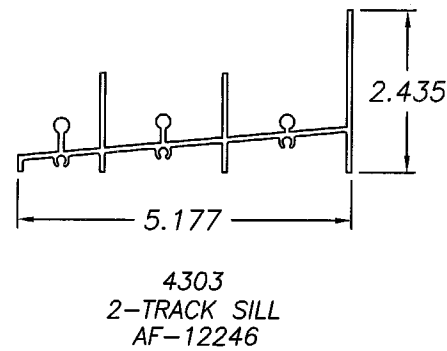
1 1/16" LAMI I.G. GLAZING DETAIL



7/16" LAMINATED GLAZING DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0512.02
Expiration Date 11/09/05
By *Charles Korman*
Miami Dade Product Control
Division

 10/28/03 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: F.K. Date: 10/20/03 Revisions: C-NO CHG THIS SHT.
		Revsd By: F.K. Date: 5/30/03 Revisions: C-CORRECT I.G. GLASS
		Revsd By: F.K. Date: 2/5/03 Revisions: B-ADD 1 1/16" I.G.
		Revsd By: F.K. Date: 10/13/00 Revisions: REV. A
		Drawn By: D.B. Date: 3/15/99
Description: GLAZING DETAILS		
Title: ALUMINUM SLIDING GLASS DOOR, IMPACT		
Series/Model: SGD-70	Scale: NTS	Sheet: 2 of 6
Drawing No. 4345		Rev: D



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0512.02
Expiration Date 11/09/05
By *Robert L. Clark*
Miami Dade Product Control
Division

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 10/20/03	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 5/30/03	Revisions: C-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/5/03	Revisions: B-ADD 1 1/16" G.B.
Revsd By: F.K.	Date: 10/13/00	Revisions: REV. A
Drawn By: D.B.	Date: 3/15/99	

Description:

EXTRUSION PROFILES

Title:

ALUMINUM SLIDING GLASS DOOR, IMPACT

Series/Model:
SGD-70

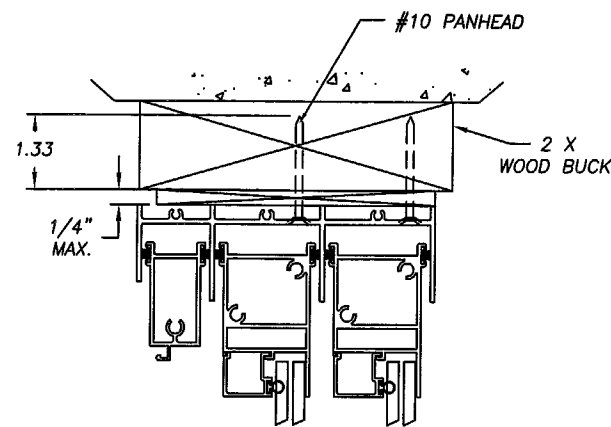
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NTS

Sheet:
4 of 6

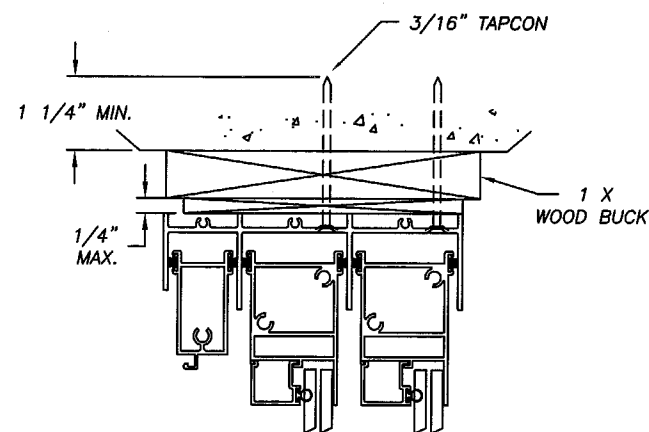
Drawing No.
4345

Rev:
D

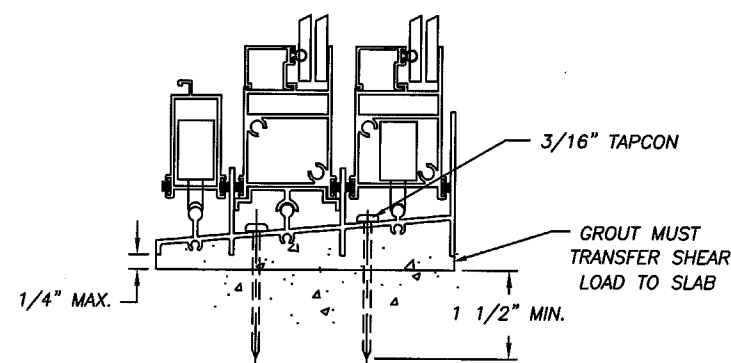
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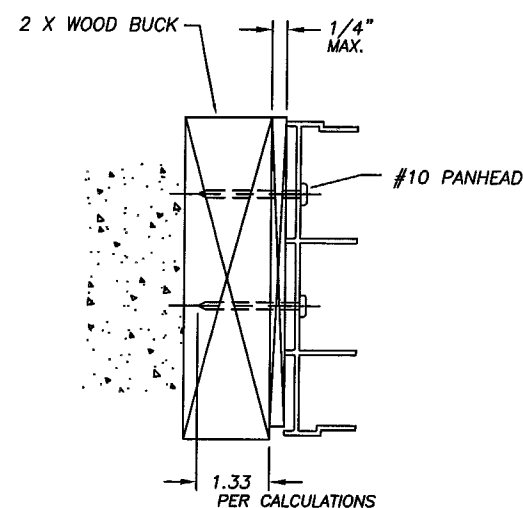
TYPICAL HEAD
(WOOD)



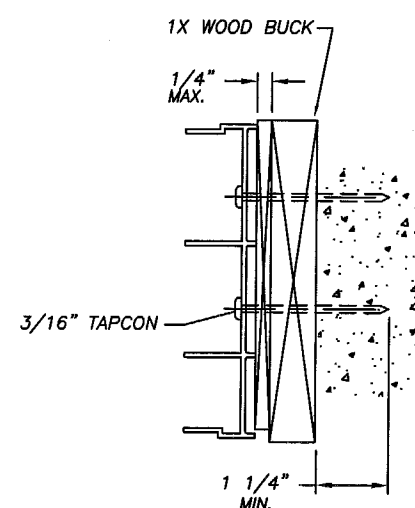
TYPICAL HEAD
(MASONRY)



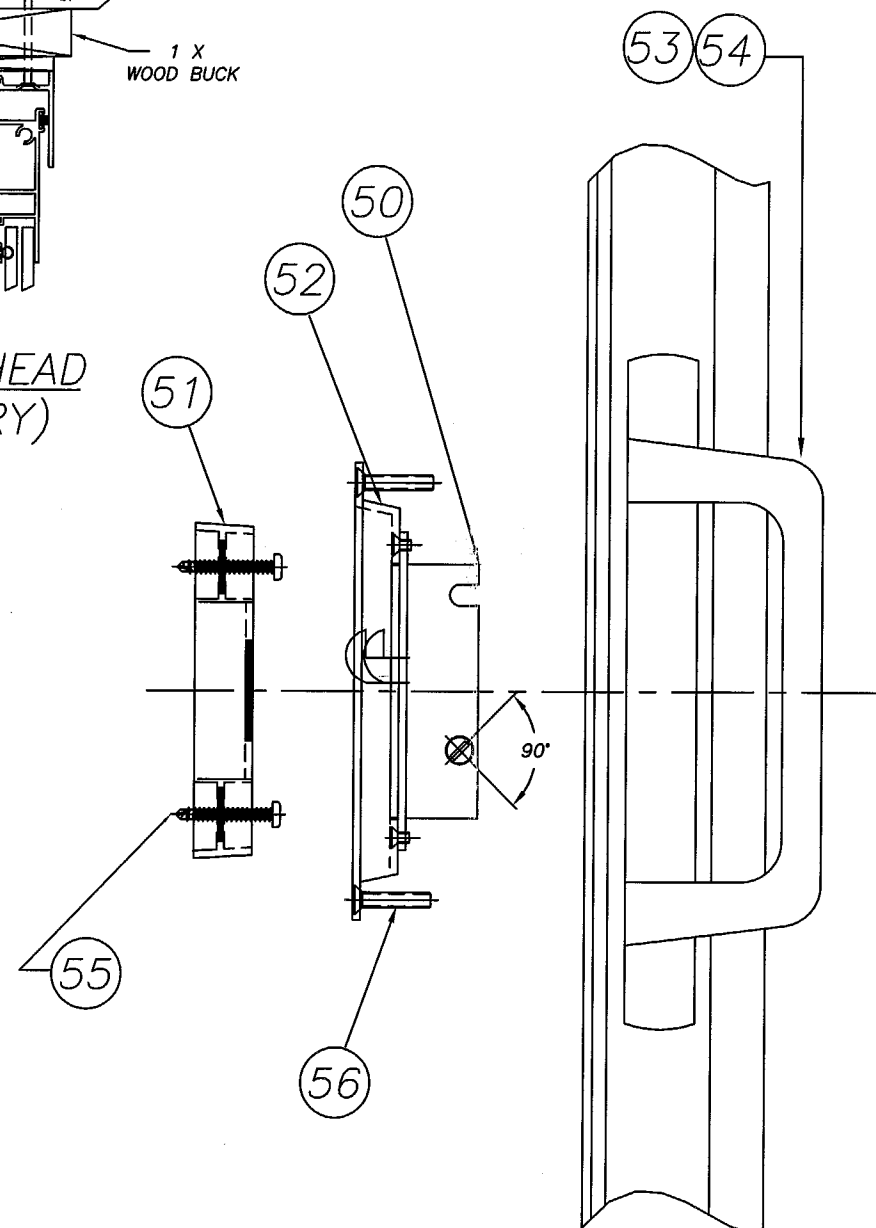
TYPICAL SILL
(MASONRY)



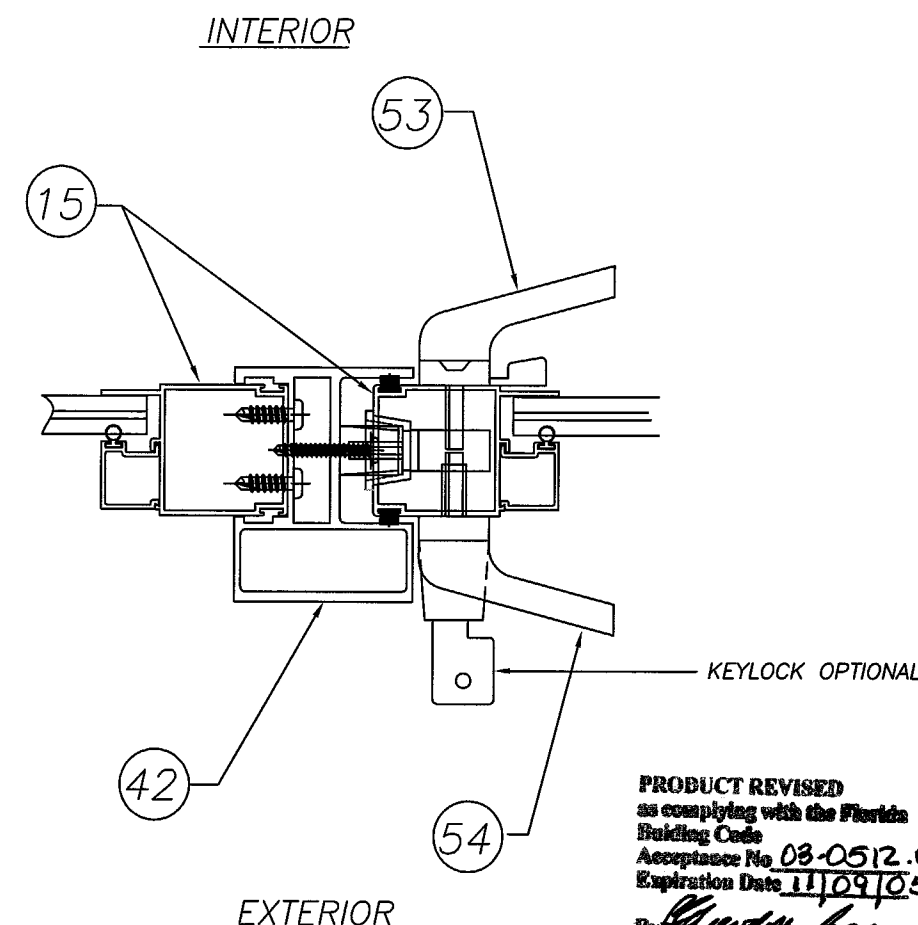
TYPICAL JAMB
(WOOD)



TYPICAL JAMB
(MASONRY)



MORTISE LOCK COMPONENTS



TYPICAL 'OXXO' CONFIGURATION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0512.02
Expiration Date 11/09/05
By: *Glenn Beina*
Miami Dade Product Control
Division

R. Clark
10/28/03

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 10/20/03	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 5/30/03	Revisions: C-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/5/03	Revisions: B-MOD. 1x, ADD MORTISE
Revsd By: F.K.	Date: 10/13/00	Revisions: REV. A
Drawn By: D.B.	Date: 3/15/99	

Description:

ANCHORAGE & ALTERNATE MORTISE

Title:

ALUMINUM SLIDING GLASS DOOR, IMPACT

Series/Model:

SGD-70

Scale:

NTS

Sheet:

5 of 6

Drawing No.

4345

Rev:

D

MK	DESCRIPTION	V.T. #	QTY.	VENDOR	VENDOR #
1	Frame Head, 2 Track	612245	1	Alumax	AF-12245
2	Frame Sill, 2 Track	612246	1	Alumax	AF-12246
3	Threshold Cover, 2-Track	612255	2	Alumax	AF-12255
4	Fixed Adapter, Frame Sill	612254	2	Alumax	AF-12254
5	Weep Housing	70250	3 (1@ea. end & 1@ center)	Scherer	
6	Weep Flap	70251	3 (1@ea. end & 1@ center)	Scherer	
7	Frame Jamb, 2-Track	612247	2	Alumax	AF-12247
8	#8 x 1.000 Quad Pn. SMS	781PQA	12 (6/Jamb)		
9	Latch Keeper	7SDKEEP	2	Nationwide	
10	#8 x .375 Ph. Pn. SMS	7838PA	4 (2/Latch Keeper)		
11	Bumper	72087K	2 (1/Jamb - Opr. Trk.)	Eastcoast R&P	
12	#8 x .375 Ph. Pn. TEK	78X38PPT	2 (1/Bumper)		
13	Top/Bot. Rail	612248	8 (2/Panel)	Alumax	AF-12248
14	Wstp., .170 x .270 back - fin seal	67SI6G	42 (Fixed, Oper. & Scr. Panels)	Schlegel	FS-7516-187
15	Side Rail (Fixed/Operable)	612249	4 (1/Panel)	Alumax	AF-12249
16	Roller, Tandem Steel	71049	8 (2/Panel)	Truth Hardware	39-10
17	#8 x .375 Ph. Pn. SMS	78X38PPA	16 (2/Roller)		
18	1/4-20 x 1.000 Ph. Pn. MS	720X1A	32 (8/Panel)		
19	Lockset	7LOCK	3	Nationwide	
20	#10-32 x 1.75 Oval MS	71032X134MSK	4 (2/Panel)		
21	X Cam Latch	7X1720X	3 (1/Lock)		
22	Cam Spacer	42502N	2 (1/Panel Lock) - not Screen	PGT Industries	
23	#10-32 x .500 Tr. Ph. MS	71032X12TPMS	3 (1/Lock - Cam Latch Screw)		
24	Fixed Panel Meet. Rail	612251	2 (1/Fixed Panel)	Alumax	AF-12251
25	Oper. Panel Meet. Rail	612261	2 (1/Operable Panel)	Alumax	AF-12261
26	Glazing Bead (7/16")	6534601	16 (4/Panel)	Alumax	534601
27	Vinyl Bulb	6TP247	16 (1/Glazing Bead)	Team Plastics	TP-247
28	7/16" Laminated Glass		4 (1/Panel)	PPG. LOF	
29	Silicone	62899C		Dow Corning	899 OR 995
30	Seam Sealer	6SM55W		Schnee-Morehead	SM5504
32	Fixed Panel Clip	612262		Alumax	AF-12262
33	#8 x 1.000 Ph. Pn. SMS	78X1PPA	Fixed Panel Clip Screws		
34	Screen Top Rail	612256	2	Alumax	AF-12256
35	Screen Bot. Rail	612257	2	Alumax	AF-12257
36	Single Rollers	7SRAZ	4 (2/Screen Panel)		
37	Screen Side Rail	612258	2 (1/Screen Panel)	Alumax	AF-12258
38	#10-32 x .875 Ph. Fl. MS	71078	2 (Screw Lock)		
39	Screen Meeting Rail	612259	2 (1/Screen Panel)	Alumax	AF-12259
40	1/4 x 1.500 Ph. Pn. SMS	714X112PPA	4 (Screen Assy. Screws)		
41	Screen Spline	60170K		Team Plastics	
42	Panel Astragal	64342	1	Indalex	
43	Screen Astragal		1	Indalex	
50	MORTISE LOCK, SURF. MOUNTING	73009NFPX	1 (3 PLY HOOK & INT. THUMB KEY OPERATOR)	TRUTH	
51	MORTISE LOCK KEEPER	22507MLK	1	TRUTH	
52	MORTISE LOCK RECESS ADAPTER	72260MLRA	1	TRUTH	
53	INTERIOR PULL HANDLE		1	TRUTH	
54	EXTERIOR PULL HANDLE (OPT. LOCK)		1	TRUTH	
55	#8 x 1 1/4 PH PN SMS	78X1250PPA	2 (ATTACHES KEEPER)	SCHERER	
56	#10-32 x 1 PH FH TYPE F SS	71032X1FPFX	2 (ATTACHES MORTISE LOCK)	SCHERER	
60	Glazing Bead (1 1/16" LAMI I.G.)	64395	16 (4/Panel)	A/R	4395
61	1 1/16" LAMI I.G. GLASS		4 (1/Panel)		
	3/16" T, 1/2" SPACE, 7/16" LAMI (3/16" A, .090 PVB, 3/16" HS)				
62	1 1/16" LAMI I.G. GLASS		4 (1/Panel)		
	3/16" T, 1/2" SPACE, 7/16" LAMI (3/16" HS, .090 PVB, 3/16" HS)				

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0512-02
 Expiration Date 11/09/05
 By *Charles Belma*
 Miami Dade Product Control
 Division

Revsd By: F.K.	Date: 10/20/03	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 5/30/03	Revisions: C-ADD ITEM 62 CHG ITEM 61
Revsd By: F.K.	Date: 2/5/03	Revisions: B-ADD TO PARTS LIST
Drawn By: F.K.	Date: 2/5/03	

Description: PARTS LIST				
Title: ALUMINUM SLIDING GLASS DOOR, IMPACT				
Series/Model: SGD-70	Scale: NTS	Sheet: 6 of 6	Drawing No. 4345	Rev: D

Robert L. Clark
 10/28/03
 Robert L. Clark, P.E.
 PE #39712
 Structural



1070 TECHNOLOGY DRIVE
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